Nevada Department of Education
Teacher Licensure

Secondary Academic
7-12
Endorsement in Mathematics

Comprehensive Major

Thirty-six (36) semester credits required for a major in mathematics **must** include:

1. Nine (9) semester credits in calculus; **AND**

2. Twenty-seven (27) semester credits to include coursework in **each** of the following:

   I. Probability or statistics
   II. Number theory or numerical analysis
   III. Linear algebra
   IV. Abstract or modern algebra
   V. Finite mathematics or discrete processes; **AND**

3. If additional credits are required to fulfill the twenty-seven (27) credit requirement identified above, you may choose from any of the following areas:

   I. History of mathematics
   II. Euclidean geometry
   III. Non-euclidean geometry
   IV. Mathematical computer applications, data structures or programming
   V. Differential equations; **OR**
   VI. Real number analysis

Comprehensive Minor

Twenty- four (24) semester credits required for a minor in mathematics **must** include:

1. Six (6) semester credits in calculus courses; **AND**

2. Eighteen (18) semester credits in the following:

   I. Probability or statistics
   II. Finite mathematics, discrete mathematics, number theory or numerical analysis
   III. Linear, abstract or modern algebra; AND

3. If additional credits are required to fulfill the eighteen (18) credit requirement identified above, you may choose from any of the following areas:

   I. Multivariate calculus
   II. History of mathematics
   III. Differential equations
   IV. Real number analysis
   V. Euclidean geometry
   VI. Non-euclidean geometry
   VII. Mathematical computer applications, data structures or programming